

Title (en)
Punching mechanism.

Title (de)
Stanzmechanismus.

Title (fr)
Mécanisme de poinçonnage.

Publication
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Application
EP 90480118 A 19900822

Priority
US 41987389 A 19891010

Abstract (en)
A punching mechanism (10) includes a permanent magnet (14) and a pole-piece (20) connected to one pole of the permanent magnet and spaced from the other pole by a gap (G). A movable coil (34) is disposed at least partially within the gap. A punch actuator is connected to the movable coil, and conductors are provided for conducting an electrical current to the coil. Current is supplied to the coil to effect a punching action.

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IPC 8 full level
B21D 28/00 (2006.01); **B26D 5/08** (2006.01); **B26F 1/02** (2006.01); **B26F 1/04** (2006.01)

CPC (source: EP US)
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EP1005963A3; EP0768141A1; US6481323B1; US6619542B2

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DE FR GB

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EP 0423052 A2 19910417; **EP 0423052 A3 19911016**; **EP 0423052 B1 19941026**; DE 69013636 D1 19941201; DE 69013636 T2 19950504; JP H03131499 A 19910605; JP H0755477 B2 19950614; US 5024127 A 19910618

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